



brewer science

2008

HSSE Annual Report

Health • Safety • Security • Environmental





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Message from the President

Over the past twenty-seven years, Brewer Science, Inc., has directed our business practices from the corporate vision: Of the People, for the Customer and By the Technology. Our Health, Safety, Security and Environmental (HSSE) management systems have fulfilled this vision by providing leading programs that sustain the environment in which our company operates. The commitment adds unexpected value throughout the world. Our mission to continuously improve our global HSSE systems to the benefit of our employees and customers substantiates our commitment. We drive improvement of our HSSE systems through corporate implementation of the ISO 14001, OHSAS 18001 and ISO 17799 standards and vigilant communication with key customers through personal contacts and semiconductor industry associations.

Brewer Science initiated external reporting of environmental, safety and health performance on a yearly basis in 2006. With this publication we are expanding the scope to include security. We provide this report to our stakeholders to better communicate the continued importance we place on green technology and its value to our company, the environment and the community.

Brewer Science is proud of the results our HSSE efforts have had on the community. Over the past five years our recycling efforts have diverted over 306 tons of waste from landfills. Partnership collections have helped the community properly dispose of over 178 tons. Internally, we provide safety and wellness programs to educate our employees and improve our their well-being.

We continually seek ways to improve, and we welcome your feedback. It is our sincere desire that our efforts will have a positive impact on the overall health, safety, security and environment of the global communities that we influence.

Dr. Terry Brewer

President and Founder, Brewer Science, Inc.

Why HSSE?

Brewer Science recognizes its responsibility to conserve natural resources while providing safe, secure and environmentally responsible solutions for customers throughout the world. For this reason, we maintain Health, Safety, Security and Environmental (HSSE) management systems based on the requirements of the ISO 14001, OHSAS 18001 and ISO 17799 standards. Our global HSSE Team implements and maintains systems that support the company's HSSE policy and goals. Our internal Safety, Security and Environmental Departments participate with and assist the HSSE Team by educating employees and the local community about improved waste management and HSSE practices.

HSSE Policy

"Brewer Science has established and is committed to maintaining health, safety, security and environmental management systems with the overall objective of preventing pollution of the environment and providing a healthy, safe and secure workplace. We encourage our suppliers, contractors and customers to follow ISO 14001, OHSAS 18001 and ISO 17799. The systems will drive continuous improvement through planning, risk assessments & monitoring, corrective action and management review. Brewer Science will comply with all relevant international, federal, state and local regulations wherever we operate."

HSSE Performance Information

We identify all environmental, health and safety aspects of our processes and products and develop objectives and targets that minimize the company's negative impact on these systems. Management approves the objectives, while the HSSE Team manages the systems to ensure all goals are reached effectively and on time.

Operational Objectives

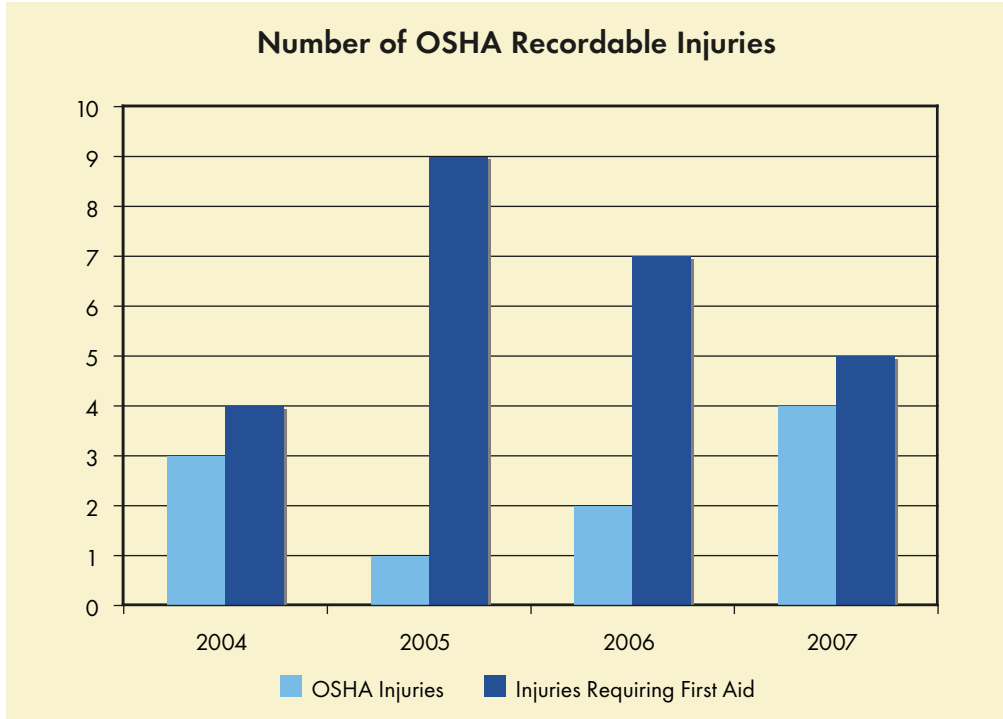
We have chosen the following specific objectives to minimize our environmental, health, security and safety impacts:

- Measure and assess energy conservation programs by December 2008.
- Complete safety upgrades as identified by risk assessments by December 2008.
- Implement an integrated MSDS/label/chemical inventory management system by December 2008.
- Continue emergency response drills with the internal spill team and external local hazmat team throughout 2008.
- Increase amount of global material recycled.
- Maintain current paper consumption levels.
- Expand training matrix globally.
- Benchmark recognized HSSE programs by December 2008.
- Establish an internal HSSE Help Desk by April 2008.
- Use Oracle to track compliance with environmental regulatory limits by July 2008.
- Develop and implement corporate policies and training programs that define the security rights and expectations of the company and employees by December 2008.

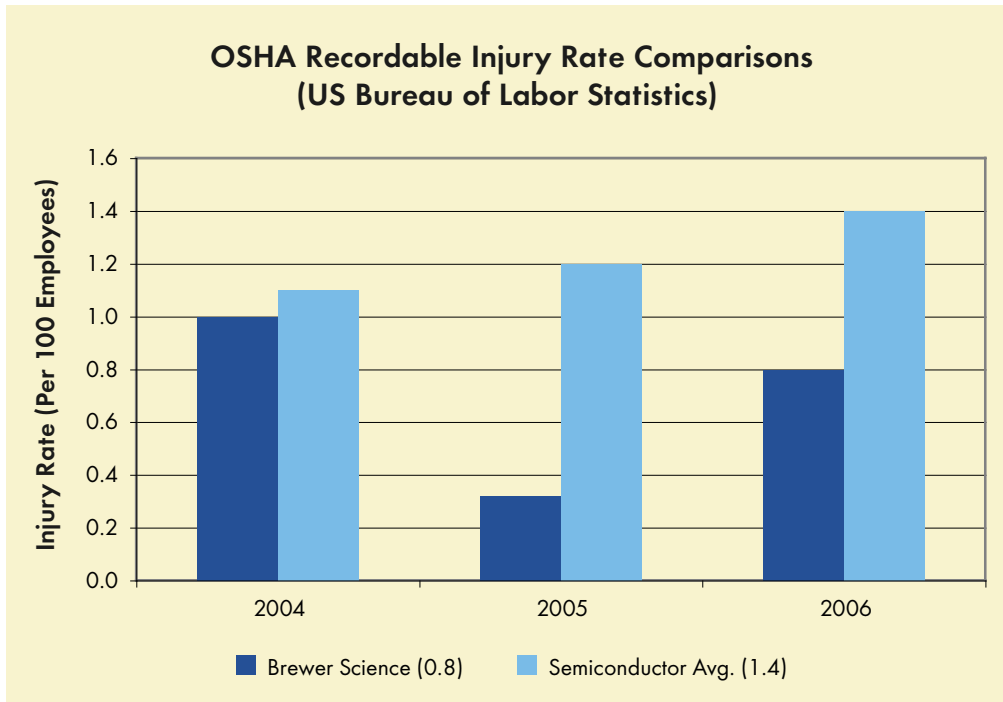
Wellness

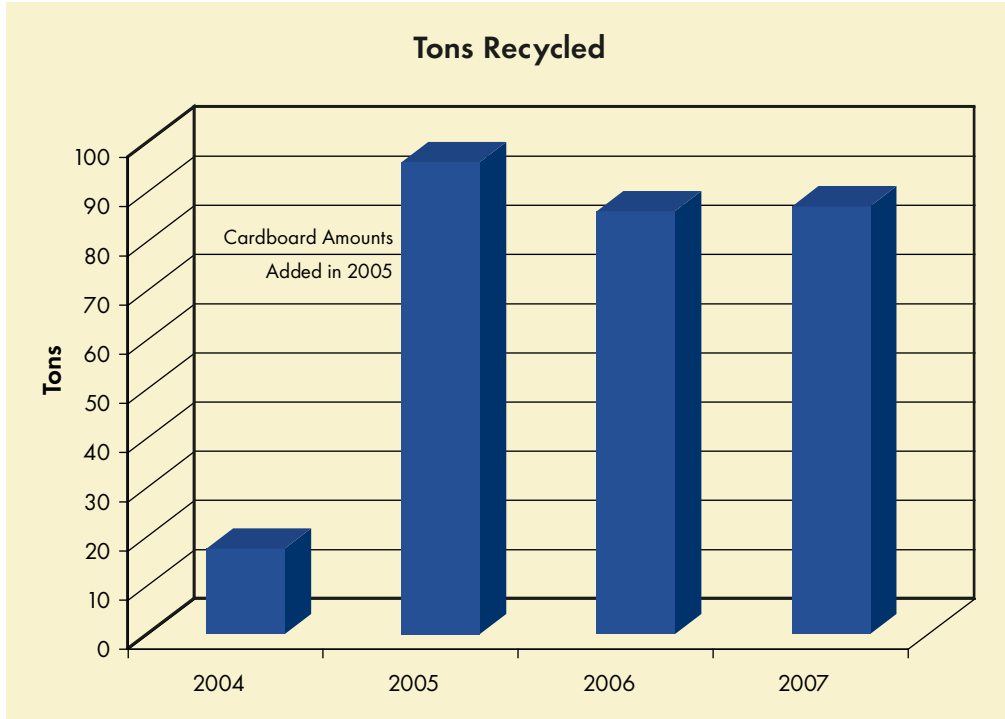
Healthy employees must be at the helm to carry out the Brewer Science company vision, “Of the People, For the Customer, By the Technology.” Several wellness programs were provided for employees during 2007.

- Massage therapy at work
- Health risk assessments
- Eye plan reimbursements
- Flu shots
- Corporate discount for a local gym annual membership
- Wellness reimbursement for either a membership to a fitness facility or a piece of equipment found in a gym
- Employee assistance program
- Weight loss challenge
- Mini “Lunch and Learn” seminars offered on the following topics:
 - Lifestyle for Diabetes Prevention
 - High Cholesterol, Assessing Your Risk
 - Managing Blood Pressure
 - Colorectal Cancer Screening Saves Lives

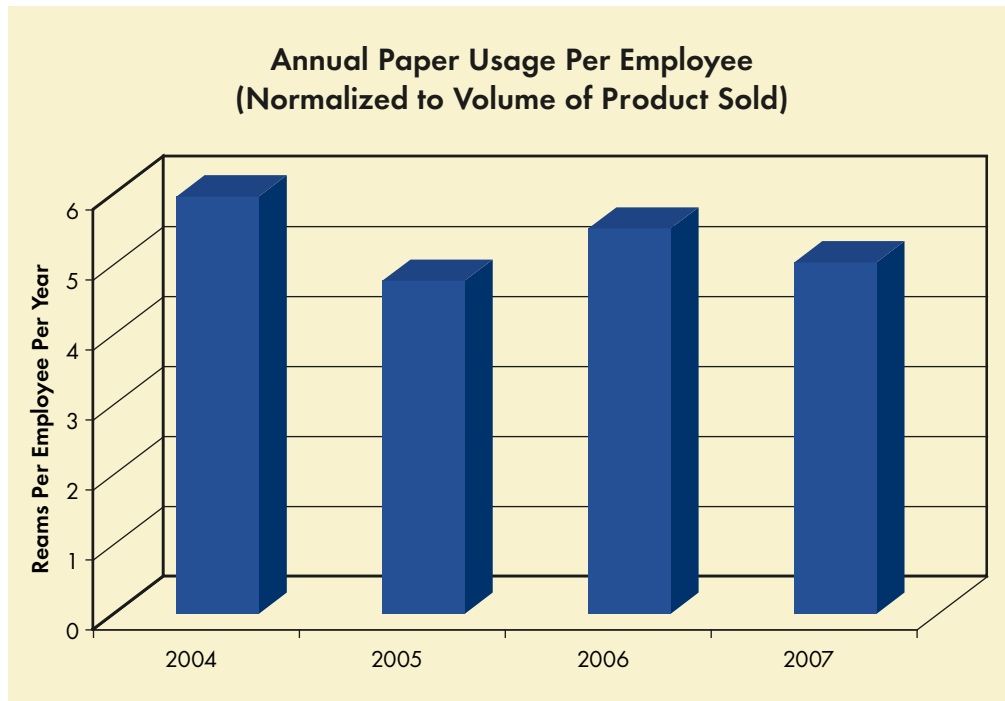


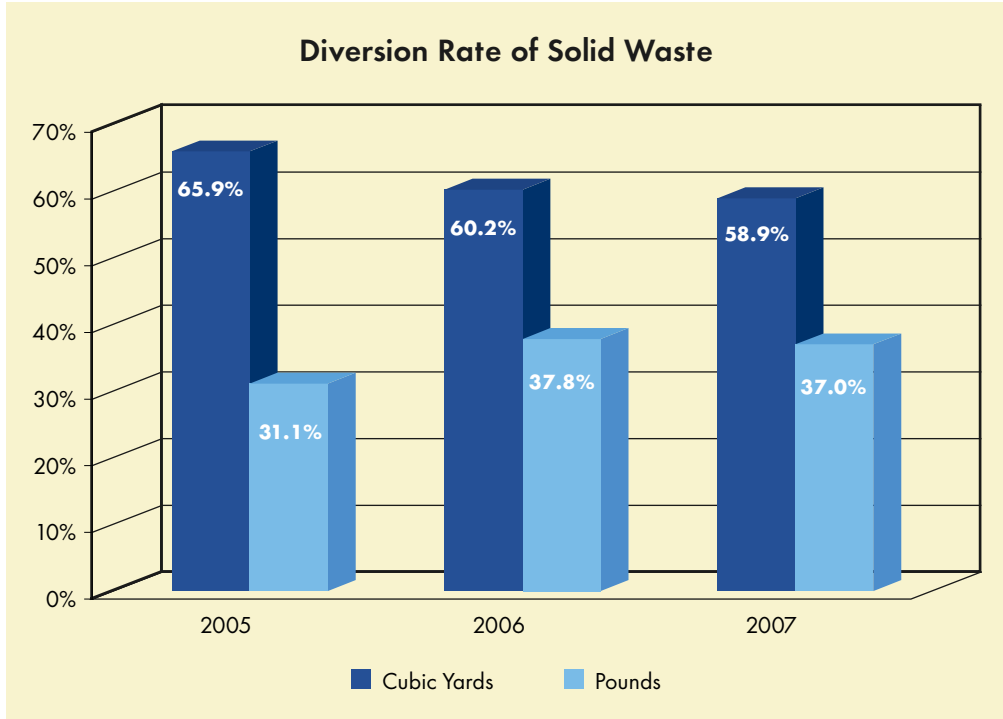
Overall incidents, as well as first aid incidents, decreased in 2007. OSHA injuries increased to a level below the industry average.



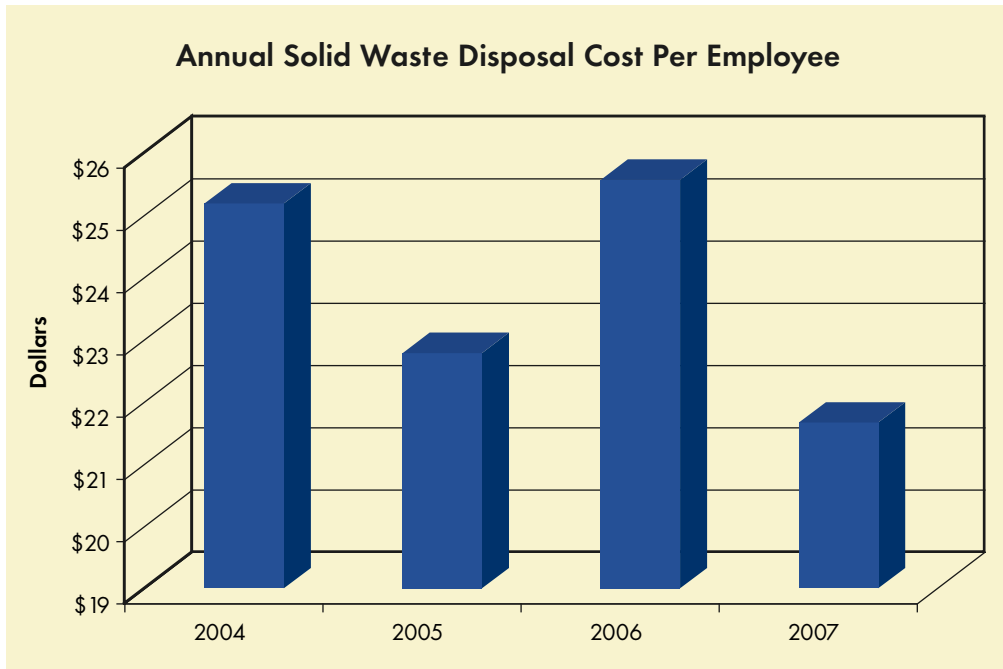


Brewer Science has recycled over 300 tons since its formal recycling program was initiated in 2002. Materials included in these numbers are all types of paper, plastic bags, shrink-wrap, bottles and containers. The proceeds from recycling aluminum cans, cell phones and inkjet cartridges are donated to local non-profit organizations. Batteries, steel drums, and other metals are also recycled.

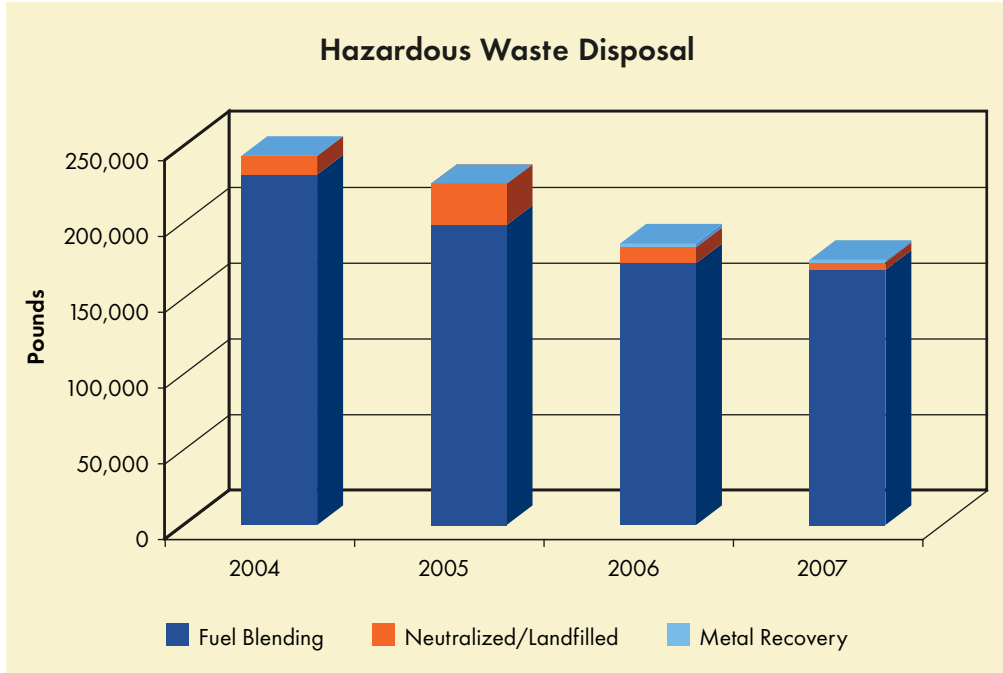




This chart shows the percentage of total solid waste that was diverted from the landfill by volume and calculated weight.

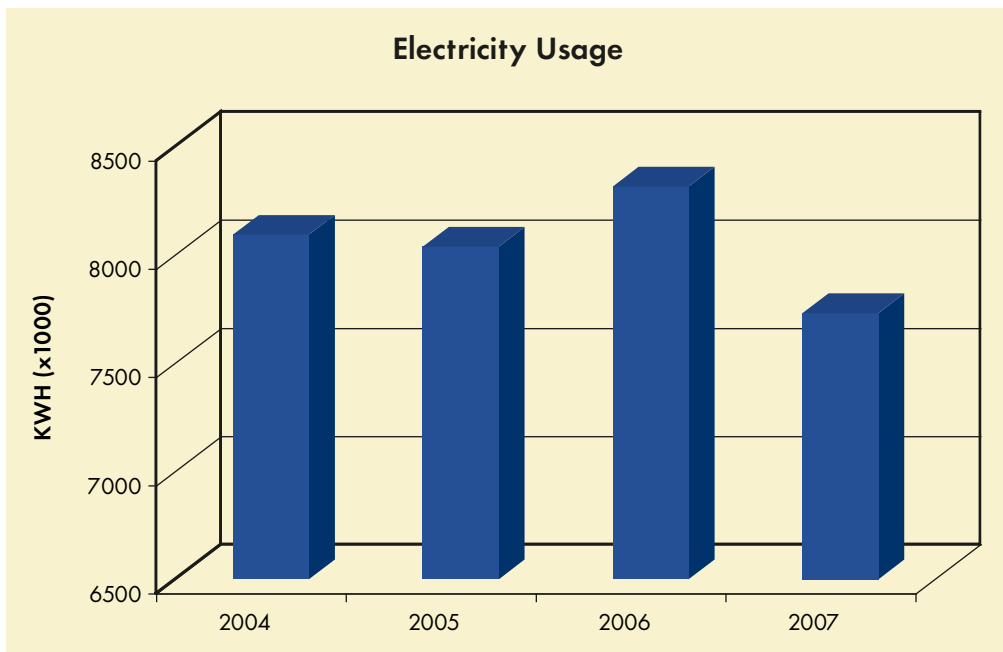
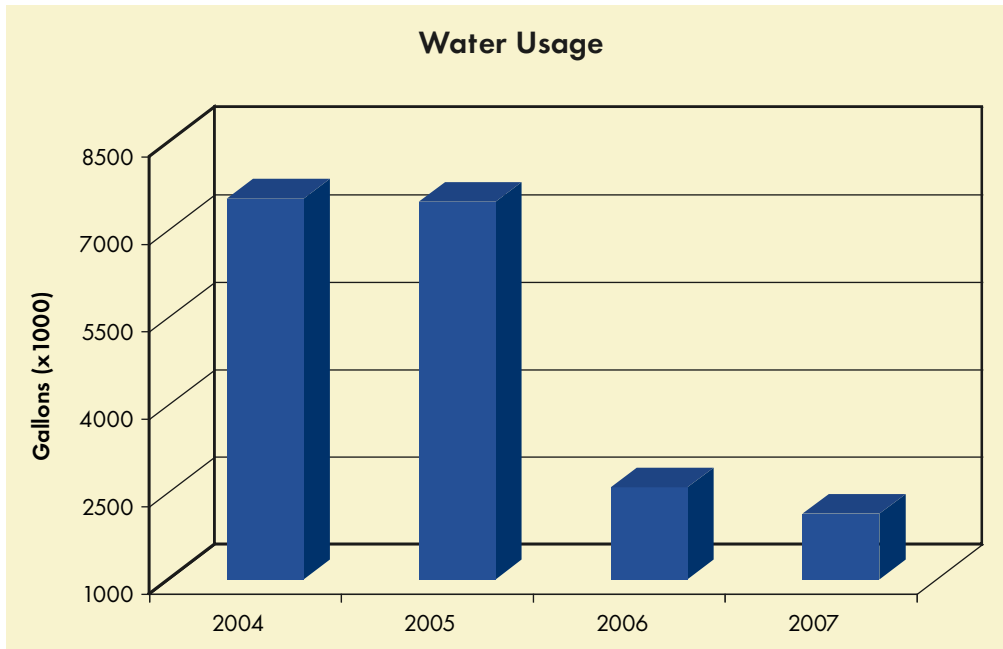


Solid waste disposal costs decreased due to a decrease in construction projects and an increase in equipment donations.

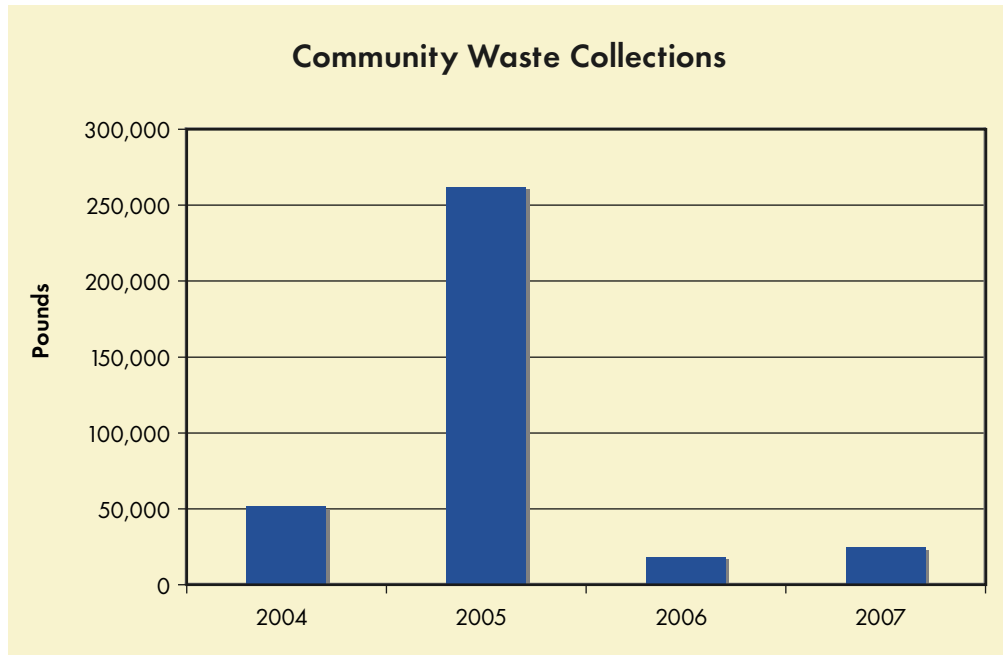


Brewer Science, Inc., has reduced the amount of hazardous waste sent to the landfill by 57% since 2004. Fuel blending involves processing hazardous waste into fuels derived from liquid and solid waste, which are used as a secondary fuel source to replace coal and natural gas in cement kilns. This method is safe and effective for recovering the energy value of the waste and helps conserve our planet's finite natural resources.

Metal drums are processed as they pass through the Container Decontamination Unit, an oven fueled by natural gas with temperatures above 1500°F. The high temperatures destroy the chemical residues, which produce ash. This ash is tested and blended on site into an alternative fuel source for cement kilns. Decontaminated drums are then crushed and sent to steel mills for recycling.



| All buildings decreased utility usage in 2007.



Brewer Science recognizes the need to partner with the community to help our stakeholders properly dispose of waste. We have worked with the City of Rolla and the City's Solid Waste Department to provide area residents with community collections that enabled Phelps County to properly dispose of over 178 tons of waste over the past five years. This partnership contracted disposal companies and provided volunteers who collected household hazardous toxic waste, electronics and tires, free of charge, from area residents. We also adopted the surrounding streets in our industrial park, as well as participated in local stream and dump cleanups.

These successful collections have diverted over 139,000 pounds of waste materials such as car batteries, used oil or antifreeze, or other toxic, poisonous or flammable products, 58,000 pounds of computer monitors, TVs, circuit boards, keyboards, VCR's, DVD players, PlayStations and stereo equipment, and 178,000 pounds of tires that would have otherwise been thrown into a landfill. The success of these collections led to a \$6,900 grant awarded to the City by the Ozark Rivers Solid Waste Management District which allowed the construction of a permanent Household Hazardous Waste Facility. Brewer Science continues to supplement these efforts. Community members will now be able to dispose of hazardous waste items free of charge at any time during the year.

Training

Our personnel are required to be competent when performing tasks that may impact HSSE issues in the workplace. Competence is defined in terms of appropriate education, training and/or experience. Training requirements are based upon the specific task requirements of individual job descriptions and/or homogeneous exposure groups as defined in our Hazard Assessment Procedure. Training plans are updated and documented at least annually as part of the HSSE objectives planning process, and are summarized in the Corporate Training Matrix. Human Resources maintains these records according to the Training Process.

Below are some of the required HSSE training courses:

- Hazard Communication Annual Refresher
- Lockout / Tagout Authorization
- Workplace Violence Prevention
- Fire Extinguisher Training
- Flammable and Combustible Liquids Training
- Influencing Security Compliant Behaviors
- Emergency Response
- Safety Review & Lab Chemical Hygiene Plan
- Hot Work Permits
- Respirator Training
- Electrical Safety
- Gas Cylinder Handling
- Ergonomics
- Manual Handling
- Elevated Work

Awards and Recognition

Brewer Science has received numerous awards in recognition of its voluntary efforts and genuine concern for the environment.

Local

2000, 2002, 2003 - Ozark Rivers Solid Waste Management District - Outstanding Contribution in Solid Waste Management

2004 - A Community Organization to Restore Nature (ACORN) - Appreciation for Beautification

State

2002 - Missouri Waste Control Coalition - Outstanding Achievement Award in the Business category

2004 - Missouri Recycling Association - Outstanding Business Recycling/Waste Reduction Program

National

2004 - Export Achievement Award - U.S. Department of Commerce

2005 - National Recycling Coalition - Fred Schmitt Award for Outstanding Corporate Leadership

2006 - American Forest & Paper Association - Business Leadership and Recycling Award



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